



# hf Happenings 872

Volume 19, Issue 29, the week of 4 November 2019

HF Happenings from [www.sarl.org.za/hf\\_happenings.asp](http://www.sarl.org.za/hf_happenings.asp)

Southern African Fauna and Flora <https://zsfaunaandflora.wordpress.com/>

Zone 38 Award and others <https://zone38award.wordpress.com/>

Worldwide List of HF Beacons <https://iaruhfbeacons.wordpress.com/>

5 MHz (60 metre) allocations <http://www.sarl.org.za/public/contests/contestrules.asp>



## November

7 - National Men Make Dinner Day

9 and 10 - SARL VHF/UHF Analogue contest

10 - Remembrance Sunday

11 - Armistice Day; Closing date for RaDAR logs

14 - World Diabetes Day

16 - International Tolerance Day

18 - Closing date for PEARS HF logs

19 - Highway ARC Monthly Meeting

20 - SARL Wednesday 80 m Club Sprint

21 to 23 - Ficksburg Cherry Festival

22 - Closing date for December Radio ZS; Darling Scarecrow Festival (until 1 Dec)

23 - SARL Newbie Sprint

23 and 24 - CQ WW DX CW contest

30 - West Rand Flea Market

## IOTA News

IOTA chasers should note that updates for the Honour Roll and the Annual Listing 2020 must be made before the end of January 2020. Due allowance should be made for postal delivery. Those who have not updated their standings since 2015 but wish to remain on the list should update their standings as well. Finally, those who have not logged on to their account on IOTA-World in two years should note that they will have to revalidate their registration via [info@iota-world.org](mailto:info@iota-world.org).

## Solar Cycle 25 is slowly coming to life

There is a sunspot (AR2750) on the sun today. That does not happen often during a deep Solar Minimum like the one we are experiencing now. AR2750 is a sign that Solar Minimum would not last forever. Its magnetic polarity marks it as a member of the next solar cycle. Indeed, Solar Cycle 25 is slowly coming to life, heralding a new Solar Maximum as early as 2023. Details at <https://spaceweatherarchive.com/2019/11/02/solar-cycle-25-is-slowly-coming-to-life/>

## DXCC'S Most Wanted (ClubLog)

The "DXCC Most Wanted" entities list has been updated on ClubLog as of 27 October. The list contains 340 entities. No changes this month. The complete "DXCC Most Wanted" entities list is available at <https://secure.clublog.org/mostwanted.php>. The following are the top 10 entities:

1. P5 DPRK (North Korea)
2. 3Y/B Bouvet Island
3. FT5/W Crozet Island
4. BS7H Scarborough Reef
5. CE0X San Felix Islands
6. BV9P Pratas Island
7. KH7K Kure Island
8. KH3 Johnston Island
9. FT5/X Kerguelen Island
10. 3Y/P Peter 1 Island

*(Me thinks P5 should be removed from the DXCC entity list, because as long as Who Flung Dung and his cronies are in charge, there will not be amateur radio!)*

## African DX

*Contacts with stations on the African continent count towards the SARL's All Africa Award*  
[www.sarl.org.za/public/awards/awards.asp](http://www.sarl.org.za/public/awards/awards.asp)

Kenya, 5Z. Andy, G3AB, is now based/resides in Nairobi (been there since 30 September) and is expected to be active as 5Z4/G3AB. Activity will be on 20 - 10 metres using an IC-7300 and dipoles. His QRZ.com page states that he is awaiting the arrival of further equipment and antennas. QSL via LoTW.



Burkina Faso, XT. Al, F8FUA, will once again be active as XT2BR, from Ouagadougou, Burkina Faso, between 8 and 17 November. He will use an Elecraft K3 with 100 watts into a hexbeam and dipoles, operating on CW, SSB, RTTY and FT8 (DXpedition mode) if possible. Log will be updated when possible depending on his Internet access. QSL direct (with SAE and 2 USDs) or via the REF QSL Bureau. After his operation, Al will upload his log to LoTW.

The Gambia, C5. Arthur, SQ7RAI, will be active as C5/SQ7RAI from The Gambia between 12 and 20 November. Activity will be on 20 - 6 metres using SSB and FT8. QSL via his home call sign, by the Bureau, direct, LoTW and eQSL.

The Gambia, C5. It has been reported that Alan, G3XAAQ (C56XA), will join Don, G3XTT (C56DF), during his visit to The Gambia between 12 and 26 November. Both operators have been here before. Their primary goal is the CQ WW DX CW Contest (23 and 24 November) with both operating as Single-Op/Single-Band entries in the contest. Bands were not mentioned. Activity outside of the contest will be holiday style on various HF bands (probably all CW). Logs will be uploaded to LoTW and ClubLog, but possibly only after their return to the UK. QSL C56XA via G3SWH, and C56DF via G3XTT.



Niger, 5U. Pierre, HB9AMO, will once again be active as 5U9AMO from Niger between 15 and 25 November. Activity will be holiday style on 160 - 6 metres CW using a Yaesu FT-991 with 100 W into a Spiderbeam 404-UL multiband antenna (40 - 10 m) and wire antennas for 60, 80 and 160 m. He will

also be in the CQ WW DX CW Contest (23 and 24 November) as Single-Op/All-Band/Low-Power/Unassisted entry. QSL via M0URX or LoTW. Log will be uploaded to LoTW in February 2020. For more details, updates and a log search, visit Pierre's web page at <http://www.hb9amo.net/5u9amo.php>

Zambia, 9J2. Members of the Z2LA and 7P8LB team are planning a trip to Zambia between 5 and 15 March 2020. A preliminary departure date is 4 March 2020. The license application form has been received and will shortly be forwarded with requests for the 9J2LA callsign. The web page is now available at <https://9j2la.com>. Facebook will be used for "Breaking News" the weeks before departure and during the Expedition. Updated list of operators is now Rune, LA7THA (Team Leader), Harald, LB2HG, Svein, LA3BO, Morten, LA3MHA, Piotr, LA7RRA, Arne, LA7WCA, Chris, LA8OM, Svein, LA9KKA, Thor, LA9VPA, Morten, LB8DC, Philipp, DK6SP, Christian, OE5CWO and Philipp, OE7PGI. The team will be focused on CW and FT8 for the low bands, and CW, SSB and FT8 for the higher bands. QSOs will be uploaded to ClubLog if internet access is available. QSL via M0OXO QSL service.

Côte D'ivoire, TU. Operators/Team members Roger, ON7TQ (Team Leader), Olivier, ON4EI (Co-Leader), Ron, ON1DX (QSL Manager), Lef, ON6KX and Kevin, SWL will be active as TU2R from the Ivory Coast or Côte d'Ivoire between 23 March and 3 April 2020. Activity will be on 160 - 10 metres using CW, SSB, RTTY and FT8. The team will be located near Grand-Bassam, east to Abidjan in IJ85CE locator. They plan to have 3 stations active (1 CW, 1 SSB and 1 Digital). QSL via ON1DX, direct or by the Bureau. LoTW uploads will be done as soon as possible. They will upload LoTW contacts during the DXpedition for all 10 USDs contributors. An OQRS will be available by requesting your QSL via PayPal at [on1dx@telenet.be](mailto:on1dx@telenet.be). They state, "You can help saving Bureau costs when using the Online QSL Request System (OQRS) for Bureau. OQRS Direct via Paypal, please send 3 USDs for Europe, 4 USDs for USA, 5 USDs for Oceania." For more details and updates, watch <https://tu2r.wordpress.com>

## African Islands

IOTA Frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Madagascar, 5R. Hiro, JF1OCQ and Kuni, JA8VE will be active with the call signs 5R8VX and 5R8KU respectively from Nosy Be Island (IOTA AF-057) between 12 and 25 November. They will be active with two rigs on HF (SSB, CW, digital modes, FT8, FT4). QSL for 5R8VX via JF1OCQ direct or the bureau and LoTW; 5R8KU via JA8VE direct or the bureau.



Cape Verde, D4. Jose, CT1BOH, will be active as D4C from the contest station on Sao Vicente Island (AF-086) during the CQ WW DX CW Contest (23 and 24 November) as a Single-Op/All-Band/High-Power entry. QSL via LoTW, eQSL or IK2NCJ by the Bureau. DIRECT QSL to: Monteverde Contest Club, 6963 Pregassona, Switzerland. For the latest information, check the D4C Web page at <http://www.d4c.cc>

## Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 4 to 11 November 2019

RSGB FT4 Contest Series  
20:00 - 21:29 UTC 4 November  
Geographic Focus: United Kingdom  
Participation: Worldwide  
Mode: FT4

Bands: 80 m Only  
Classes: 100 W; 10 W  
Exchange: Signal report and 4-character grid square



QSO Points: 1 point per QSO; 5 points per QSO with G#6XX and G#3DR plus one locator mult  
Multipliers: Each large locator square  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 21:29 UTC 5 November 2019  
Upload log at: [www.rsgbcc.org/cgi-bin/hfenter.pl](http://www.rsgbcc.org/cgi-bin/hfenter.pl)  
Mail logs to: (none)  
Find rules at: [www.rsgbcc.org/hf/rules/2019/r80m\\_ft4.shtml](http://www.rsgbcc.org/hf/rules/2019/r80m_ft4.shtml)

ARS Spartan Sprint  
02:00 - 04:00 UTC 5 November  
Geographic Focus: North America  
Participation: Worldwide  
Mode: CW  
Bands: 80, 40, 20, 15, 10 m  
Classes: Skinny; Tubby  
Max power: 5 watts  
Exchange: RST, state, province or country and power  
Work stations: Once per band  
Submit logs by: 7 November 2019  
E-mail logs to: [spartansprint@yahoo.com](mailto:spartansprint@yahoo.com)  
Mail logs to: (none)  
Find rules at: <http://arsqrp.blogspot.com/2009/02/so-whats-spartan-sprint-and-how-do-i.html>

QRP Fox Hunt  
02:00 - 03:30 UTC 6 November  
Geographic Focus: United States  
Participation: Worldwide  
Mode: CW  
Bands: 40 m Only  
Classes: Single Op - fox or hound  
Max power: 5 watts  
Exchange: RST, state, province or country, name and power output  
QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 03:30 UTC 7 November 2019  
E-mail logs to: (see rules)  
Mail logs to: (none)  
Find rules at: [www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

Phone Fray  
02:30 - 03:00 UTC 6 November  
Geographic Focus: North America  
Participation: Worldwide  
Mode: SSB  
Bands: 160, 80, 40, 20, 15 m  
Classes: Single Op  
Max power: 100 watts  
Exchange: NA: Name and state, province or country; non-NA: Name  
Work stations: Once per band  
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station  
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 03:00 UTC 8 November 2019  
E-mail logs to: (none)  
Post log summary at: [www.3830scores.com](http://www.3830scores.com)  
Mail logs to: (none)  
Find rules at: [www.perluma.com/Phone\\_Fray\\_Contest\\_Rule\\_s.pdf](http://www.perluma.com/Phone_Fray_Contest_Rule_s.pdf)

CWops Mini-CWT Test  
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 6 November and 03:00 - 04:00 UTC 7 November  
Geographic Focus: Worldwide  
Participation: Worldwide  
Awards: Worldwide  
Mode: CW  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op - QRP, low or high  
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts  
Exchange: Member: Name and member no; non-Member: Name and state, province or country  
Work stations: Once per band  
QSO Points: 1 point per QSO  
Multipliers: Each call once  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 04:00 UTC 9 November 2019  
Post log summary at: [www.3830scores.com](http://www.3830scores.com)  
Mail logs to: (none)  
Find rules at: <https://cwops.org/cwops-tests/>

#### UKEICC 80 m Contest

20:00 - 21:00 UTC 6 November

Geographic Focus: Europe

Participation: Worldwide

Mode: SSB

Bands: 80 m Only

Classes: Single Op Connected - QRP, low or high; Single Op Unconnected - QRP, low or high

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: 4-Character grid square

QSO Points: 1 point per 500 km (10 pts max); multiply QSO points by 2 if low power station; multiply QSO points by 4 if QRP station

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 22:00 UTC 6 November 2019

E-mail logs to: (none)

Upload log at: <http://logs.ukeicc.com/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <https://www.ukeicc.com/80-m-rules.php>

#### NRAU 10 m Activity Contest

18:00 - 19:00 UTC (CW) and 19:00 - 20:00 UTC (SSB) and 20:00 - 21:00 UTC (FM) and 21:00 - 22:00 UTC 7 November (Dig)

Geographic Focus: Nordic Europe

Participation: Worldwide

Mode: CW, SSB, FM, Digital

Bands: 10 m Only

Classes: (none)

Exchange: RS(T) and 6-character grid square

QSO Points: (see rules)

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 21 November 2019

Upload log at:

[http://ua9qcq.com/en/submit\\_log.php?lang=en](http://ua9qcq.com/en/submit_log.php?lang=en)

Mail logs to: (none)

Find rules at: [www.nrau.net/activity-contests/below-30mhz.html](http://www.nrau.net/activity-contests/below-30mhz.html)

#### SKCC Sprint Europe

20:00 - 22:00 UTC 7 November

Geographic Focus: Europe

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: (none)

Exchange: RST, state, province or country, name and SKCC no or power

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Each state, province, or country once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 14 November 2019

E-mail log summary to: (none)

Post log summary at:

[www.skccgroup.com/operating\\_activities/skse/submit-display.php?submit\\_id=165](http://www.skccgroup.com/operating_activities/skse/submit-display.php?submit_id=165)

Mail logs to: (none)

Find rules at:

[www.skccgroup.com/operating\\_activities/skse/](http://www.skccgroup.com/operating_activities/skse/)

#### NCCC RTTY Sprint

01:45 - 02:15 UTC 8 November

Geographic Focus: North America

Participation: Worldwide

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 10 November 2019

E-mail logs to: (none)

Post log summary at: [www.3830scores.com/](http://www.3830scores.com/)

Mail logs to: (none)

Find rules at: [www.ncccsprint.com/rttyns.html](http://www.ncccsprint.com/rttyns.html)

#### QRP Fox Hunt

02:00 - 03:30 UTC 8 November

Geographic Focus: United States

Participation: Worldwide

Mode: CW

Bands: 80 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points  
Submit logs by: 03:30 UTC 9 November 2019  
E-mail logs to: (see rules)  
Mail logs to: (none)  
Find rules at:  
[www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

NCCC Sprint  
02:30 - 03:00 UTC 8 November  
Geographic Focus: North America  
Participation: Worldwide  
Mode: CW  
Bands: (see rules)  
Classes: (none)  
Exchange: Serial no, name and QTH  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 10 November 2019  
E-mail logs to: (none)  
Post log summary at: [www.3830scores.com/](http://www.3830scores.com/)  
Mail logs to: (none)  
Find rules at: [www.ncccsprint.com/rules.html](http://www.ncccsprint.com/rules.html)

WAE DX RTTY Contest,  
00:00 UTC 9 November to 23:59 UTC 10 November  
Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: RTTY  
Bands: 80, 40, 20, 15, 10 m  
Classes: Single Op – high or low; Multi-Op; SWL  
Max operating hours: Single Op: 36 hours, off times of at least 60 minutes; Multi-Single: 48 hours  
Max power: HP: >100 Watts; LP: 100 Watts  
Exchange: RS and serial no  
Work stations: Once per band  
Score Calculation: (see rules)  
Submit logs by: 17 November 2019  
E-mail logs to: (none)  
Upload log at:  
[www.dxhf.darc.de/~waerttylog/upload.cgi?form=referat&lang=en](http://www.dxhf.darc.de/~waerttylog/upload.cgi?form=referat&lang=en)  
Mail logs to: (none)  
Find rules at: [www.darc.de/der-club/referate/referat-conteste/worked-all-europe-dx-contest/en/](http://www.darc.de/der-club/referate/referat-conteste/worked-all-europe-dx-contest/en/)

PODXS 070 Club Triple Play Low Band Sprint

00:00 UTC 9 November to 23:59 UTC 11 November  
Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: PSK31  
Bands: 160, 80, 40 m  
Classes: HP/MP/LP/QRP  
Max operating hours: 6 hrs per UTC day  
Max power: HP: 100 watts; MP: 50 watts; LP: 25 watts; QRP: 5 watts  
Exchange: RST and state, province or country  
Work stations: Once per band  
QSO Points: 1 point per QSO on 40 m; 2 points per QSO on 80 m; 3 points per QSO on 160 m  
Multipliers: Each state, province and DXCC country once only  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 18 November 2019  
E-mail logs to: (none)  
Upload log at: <http://hamclubs.info/scorer/>  
Mail logs to: (none)  
Find rules at: [www.podxs070.com/o7o-club-sponsored-contests/triple-play-low-band-sprint](http://www.podxs070.com/o7o-club-sponsored-contests/triple-play-low-band-sprint)

10-10 International Autumn Digital Contest  
00:01 UTC 9 November to 23:59 UTC 10 November  
Mode: Digital  
Bands: 10 m Only  
Classes: Individual; Club; QRP  
Max power: non-QRP: >5 watts; QRP: 5 watts  
Exchange: 10-10 Member: Name, 10-10 number and state, province or country; Non-Member: Name, 0 and state, province or country  
QSO Points: 1 point per QSO with a non-member; 2 points per QSO with a 10-10 member  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 18 November 2019  
E-mail logs to: (none)  
Upload log at: <http://hamclubs.info/scorer/>  
Mail logs to: Dan Morris, KZ3T, 3162 Covington Way, Lenoir, NC 28645, USA  
Find rules at: [www.ten-ten.org/index.php/activity/2013-07-22-20-26-48/qso-party-rules](http://www.ten-ten.org/index.php/activity/2013-07-22-20-26-48/qso-party-rules)

#### JIDX Phone Contest

07:00 UTC 9 November to 13:00 UTC 10

November

Geographic Focus: Japan

Participation: Worldwide

Mode: SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band - low or high; Single

Op Single Band - low or high; Multi-Single;

Maritime Mobile

Max power: HP: >100 W; LP: 100 W

Exchange: JA: RST and Prefecture no; non-JA:

RST and CQ Zone no

Work stations: Once per band

QSO Points: 2 points per JA-DX QSO on 80 m; 1

point per JA-DX QSO on 40, 20, 15 m; 2 points

per JA-DX QSO on 10 m

Multipliers: JA Stations: DXCC countries and CQ

zones once per band; non-JA Stations: JA

prefectures plus JD1/O, JD1/MT, JD1/OT once

per band

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 10 December 2019

E-mail logs to: [ph@jidx.org](mailto:ph@jidx.org)

Mail logs to: JIDX Phone Contest, PO Box 22,

Mitaka, Tokyo 181-8799, Japan

Find rules at: [www.jidx.org/jidxrule-e.html](http://www.jidx.org/jidxrule-e.html)

#### SKCC Weekend Sprintathon

12:00 UTC 9 November to 24:00 UTC 10

November

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: (none)

Max operating hours: 24

Exchange: RST, state, province or country,  
name and SKCC no or "NONE"

Work stations: Once per band

QSO Points: 1 point per QSO

Bonus Points: (see rules)

Multipliers: Each state, province, or country  
once

Score Calculation: Total score = (total QSO

points x total mults) and bonus points

Submit logs by: 17 November 2019

Post log summary at:

[www.skccgroup.com/operating\\_activities/weekend\\_sprintathon/submit-display.php](http://www.skccgroup.com/operating_activities/weekend_sprintathon/submit-display.php)

Mail logs to: (none)

Find rules at:

[www.skccgroup.com/operating\\_activities/weekend\\_sprintathon/](http://www.skccgroup.com/operating_activities/weekend_sprintathon/)

#### OK/OM DX CW Contest

12:00 UTC 9 November to 12:00 UTC 10

November

Geographic Focus: OK/OL/OM

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band - QRP, low or high;

Single Op Single Band - low or high; Multi-

Single; SWL

Max power: HP: 1 500 watts; LP: 100 watts;

QRP: 5 watts

Exchange: OK/OM: RST and 3-letter district

code; non-OK/OM: RST and serial no

Work stations: Once per band

QSO Points: OK/OM-Station: 1 point per QSO

with EU station; OK/OM-Station: 3 points per

QSO with DX station; EU-Station: 1 point per

QSO with OK/OM station; DX-Station: 3 points

per QSO with OK/OM station

Multipliers: OK/OM-Station: each prefix once

per band; non-OK/OM-Station: each OK/OM

district once per band

Score Calculation: Total score = total QSO

points x total mults

Submit logs by: 17 November 2019

Upload log at:

<http://okomdx.crk.cz/index.php?page=send-log>

Mail logs to: (none)

Find rules at:

<http://okomdx.crk.cz/index.php?page=english>

#### CQ-WE Contest

19:00 - 23:00 UTC 9 November (CW/Digital)

and 01:00 - 05:00 UTC (Phone) and 19:00 -

23:00 UTC 10 November (Phone) and 01:00 -

05:00 UTC 11 November (CW/Digital)

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, 6, 2, 432 MHz

Classes: Single Op

Exchange: Name, location code (see rules) and

Years of Service (see rules)

Work stations: Once per band per mode  
QSO Points: Points equal to years of service received in exchange for each QSO  
Multipliers: Each location code once per mode  
Score Calculation: Total score = sum of (total QSO points x total mults) for each mode  
Submit logs by: 1 December 2019  
E-mail logs to: (see rules)  
Mail logs to: (see rules)  
Find rules at: <http://cqwe.cboh.org/rules.html>

AWA Bruce Kelley 1929 QSO Party  
23:00 UTC 9 November to 23:00 UTC 10 November and 23:00 UTC 16 November to 23:00 UTC 17 November  
Geographic Focus: United States  
Participation: Worldwide  
Mode: CW  
Bands: 160, 80, 40 m  
Classes: (none)  
Max power: 25 watts input  
Exchange: RST, name, QTH, Eqpt Year, Transmitter Type (see rules for format) and Input Power(W)  
QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 1 January 2020  
E-mail logs to: [dgparker2@wisc.edu](mailto:dgparker2@wisc.edu)  
Mail logs to: Dave Parker, PO Box 6, Prairie du Sac, WI 53578, USA  
Find rules at: [www.antiquewireless.org/bruce-kelley-memorial-cw-qso-party.html](http://www.antiquewireless.org/bruce-kelley-memorial-cw-qso-party.html)

North American SSB Sprint Contest  
00:00 - 04:00 UTC 10 November  
Geographic Focus: North America  
Participation: Worldwide  
Awards: North America  
Mode: SSB  
Bands: 80, 40, 20 m  
Classes: Single Op - QRP, low or high  
Max operating hours: 4 hours  
Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts  
Exchange: other station's call, your call, serial no, your name and your state, province or country  
Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station  
Multipliers: Each US state and DC (including KL7 and KH6) once; Each VE province once; Each North American country (except W/VE) once  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 04:00 UTC 17 November 2019  
E-mail logs to: (see rules, web upload preferred)  
Upload log at: <http://ssbsprint.com/submit-log/>  
Mail logs to: Robert Hayes, KW8N, 9192 Bender Rd, N. Ridgeville, OH 44039, USA  
Find rules at: <http://ssbsprint.com/rules/>

4 States QRP Group Second Sunday Sprint  
01:00 - 03:00 UTC 11 November  
Geographic Focus: North America  
Participation: Worldwide  
Mode: CW, SSB  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op  
Exchange: Member: RS(T), state, province or country and member no; Non-member: RS(T), state, province or country and power  
Work stations: Once per band  
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 13 November 2019  
E-mail logs to: (none)  
Post log summary at: <http://qrpccontest.com/4sqrp>  
Mail logs to: (none)  
Find rules at: [www.4sqrp.com/SSS/sss\\_rules.pdf](http://www.4sqrp.com/SSS/sss_rules.pdf)

RSGB 80 m Autumn Series, Data  
20:00 - 21:30 UTC 11 November  
Geographic Focus: United Kingdom  
Participation: Worldwide  
Mode: RTTY, PSK  
Bands: 80 m Only  
Classes: 100 W; 10 W  
Exchange: RST and serial no  
QSO Points: 1 point per QSO  
Multipliers: (none)



Score Calculation: Total score = total QSO points  
Submit logs by: 23:59 UTC 14 November 14, 2019

Upload log at: [www.rsgbcc.org/cgi-bin/hfenter.pl](http://www.rsgbcc.org/cgi-bin/hfenter.pl)  
Mail logs to: (none)  
Find rules at: [www.rsgbcc.org/hf/rules/2019/rautumn.shtml](http://www.rsgbcc.org/hf/rules/2019/rautumn.shtml)

### Next Week's Contests

AWA Bruce Kelley 1929 QSO Party, 23:00 UTC 9 November to 23:00 UTC 10 November and 23:00 UTC 16 November to 23:00 UTC 17 November  
QRP Fox Hunt, 02:00 - 03:30 UTC 13 November  
Phone Fray, 02:30 - 03:00 UTC 13 November  
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 13 November and 03:00 - 04:00 UTC 14 November  
NCCC RTTY Sprint, 01:45 - 02:15 UTC 15 November  
QRP Fox Hunt, 02:00 - 03:30 UTC 15 November  
NCCC Sprint, 02:30 - 03:00 UTC 15 November  
YO International PSK31 Contest, 16:00 - 22:00 UTC 15 November  
LZ DX Contest, 12:00 UTC 16 November to 12:00 UTC 17 November  
All Austrian 160-Metre Contest, 16:00 - 23:59 UTC 16 November  
REF 160-Metre Contest, 17:00 UTC 16 November to 01:00 UTC 17 November  
Feld Hell Sprint, 19:00 - 20:59 UTC 16 November  
RSGB 1,8 MHz Contest, 19:00 - 23:00 UTC 16 November  
ARRL SSB Sweepstakes Contest, 21:00 UTC 16 November to 03:00 UTC 18 November  
Homebrew and Oldtime Equipment Party, 13:00 – 15:00 UTC 17 November (40 m) and 15:00 - 17:00 UTC 17 November (80 m)  
Run for the Bacon QRP Contest, 02:00 - 04:00 UTC 18 November

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter

## 40 vertical Linear Loaded

sezioni 22mm  
18mm  
16mm  
14mm

